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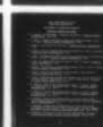
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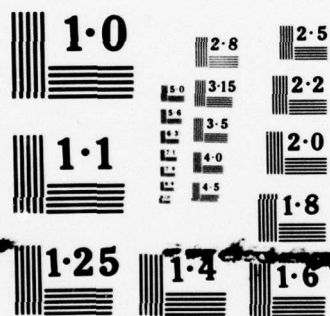
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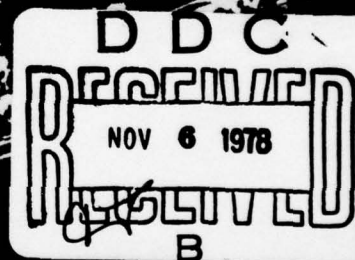
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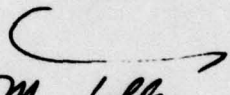
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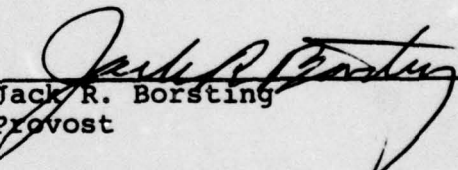
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- B. E. Allen and G. L. Barksdale, Jr., "MUNIX, An Environment for Software Development and Real-Time Execution," Ninth International Conference on System Sciences, 1976, Honolulu, Hawaii.
- G. H. Bradley, "Why are Integer Programs Too Hard to Solve?" Presented at the National Meeting of the Operations Research Society of America, San Diego, November 1973.
- G. H. Bradley and Ross Starr, "Bilateral Trade Theory: A Problem in Combinatorial Analysis and Graph Theory," M.S.S.B. Colloquium on Mathematical Economics, University of California, Berkeley, August 1974.
- G. H. Bradley, "Deterministic Networks," Second Annual Systems Engineering Conference of the American Institute of Industrial Engineers in Minneapolis, Minnesota, November 1974.
- G. H. Bradley, G. Brown and G. Graves, "A Comparison of Storage Structures for Primal Network Codes." Operations Research Society of America National Meeting, Chicago, May 1975.
- G. H. Bradley, G. T. Howard and N. F. Schneidewind, "Structure and Error Detection in Computer Software," American Institute of Industrial Engineer's Meeting, Washington, D. C., May 1975.
- G. H. Bradley, "Fixed Order Enumeration Methods." Operations Research Society of America National Meeting, Las Vegas, November 1975.
- G. H. Bradley, G. G. Brown and G. Graves, "Tailoring Primal Network Codes to Classes of Problems with Common Structure." Operations Research Society of America National Meeting, Las Vegas, November 1975.
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CONFERENCE PRESENTATIONS (cont'd)

- G. H. Bradley and G. G. Brown, "Network Optimization and Defense Modelling," Center for Naval Analyses, Arlington, August 1976.
- G. H. Bradley and G. G. Brown, "Energy Modelling with Network Optimization," Federal Energy Administration, Washington, September 1976.
- G. H. Bradley and G. G. Brown, "Extensions of Network Optimization Algorithms," Association for Computing Machinery national meeting, Houston, October 1976.
- G. H. Bradley, G. G. Brown and G. Graves, "Imbedded Networks in Large Scale Optimization Models," ORSA/TIMS national meeting, Miami, November 1976.
- G. H. Bradley and G. G. Brown, "Modelling Applied to Military Force Readiness," sessions organized for Military Operations Research Society meeting, Ft. Eustis, Dec 1976.
- G. H. Bradley and G. G. Brown, "Large Scale Network Optimization," Stanford Operations Research Colloquium, Stanford, January 1977.
- G. H. Bradley, G. G. Brown and G. Graves, "Preprocessing of Large Linear Programs," ORSA/TIMS, Atlanta, November 1977.
- G. H. Bradley, "Survey of Deterministic-Networks," Plenary Speaker, International Symposium on Extremal Methods and Systems Analysis, September 1977.
- G. G. Brown and H. Rutenmiller, "Approximation of Stochastic Vector Products," Spring 1974, ORSA Meeting, Boston.
- G. G. Brown, "Matrix Inversion by Block Pivoting," ORSA Meeting, Fall 1974, San Juan, Puerto Rico.
- G. G. Brown, "A Nonlinear Programming Algorithm Using Higher Order Representations of Highly Nonlinear Problems," Spring 1975, Western ORSA Meeting, Monterey.
- G. G. Brown, H. Rutenmiller and E. Solberg, "Maximum Likelihood Estimation of the Probability of Labor Force Participation When the Dependent Variable is Binary with an Application to the AFDL Population-at-Risk," 1975, Western Economics Association, San Diego.

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- G. G. Brown and G. Graves, "An Application of a Nonlinear Integer Programming Algorithm to an Engineering Design Problem," Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown and J. Taylor, "An Examination of the Effects of the Criterion Functional on Optimal Fire-Support Policies," Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown and J. Taylor, "Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare," Fall 1975, ORSA Meeting, Las Vegas.
- G. G. Brown, "Optimization Methods in Distribution Planning," National Council on Physical Distribution Management, St. Louis, October 1976.
- G. G. Brown and J. Taylor, "Further Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare: A New Definition of Power Lanchester Functions," ORSA/TIMS, Miami, November 1976.
- G. G. Brown, "Issues in Basis Manipulation: Factorization-Decomposition," ORSA/TIMS, Miami, November 1976.
- G. G. Brown and G. Graves, "Use of Simple Algebraic Structures for Implementing Algorithms in Large Scale Mathematical Programming," American Mathematical Society 746th meeting Hayward, April 1977.
- G. G. Brown, "Applications of Nonlinear Programming," ACM, Seattle, October 1977.
- G. G. Brown, "Network Models and Logistics Management," NCPDM, Los Angeles, October 1977.
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- G. A. Kildall, "Systems Languages: Management's Key to Controlled Software Evolution," Western Electronics Conference, 1974 and 1975.
- G. A. Kildall, "Microcomputer Software Design-A Checkpoint," presented at the AFIPS National Computer Conference, - Anaheim, 1975.
- U. R. Kodres, "Logic Circuit Layout," Proceedings of Summer Seminar on Design Automation of Computers, Center of Advanced Studies, Belgrade, Yugoslavia, 1974.
- U. R. Kodres, "Microcomputers in Tactical Data Systems," CMS-2 User Group Meeting, San Diego, CA.
- U. R. Kodres and W. L. McCracken, "Design Study of a Microcomputer Based Avionics Navigation System," Proceedings of Second Annual Symposium of Computer Architecture, University of Houston, 1975.
- U. R. Kodres, "Analysis of Real Time Systems by Data Flow-graphs," U. S. Navy Distributed Systems Workshop, Fredricksburg, VA, June 1977.
- V. M. Powers, "High-Level Languages for Microcomputers," Microcomputer Technology Task Group Meeting, Naval Electronics Laboratory Center, San Diego, CA, 1975.
- C. A. Rahe and C. B. Robbins, "Spotlight," National Annual Meeting of the Acoustical Society of America, The Pennsylvania State University, University Park, Pennsylvania, June 1977.
- N. F. Schneidewind, "Using Time-Sharing for Software Reliability Analysis," Proceedings of the Second Annual Computer Communications Conference at California State University, San Jose, January 1973.
- N. F. Schneidewind, "Lecturer in U.C.L.A. Engineering and Physical Sciences Division Short Course," August 1973.
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- N. F. Schneidewind, "Data Privacy and Security," Salinas Valley, Monterey Peninsula Chapter of the National Association of Accountants and Data Processing Management Association, January 1974.
- N. F. Schneidewind, "Mass and Memory System Peripherals," Eighth IEEE Computer Society International Conference, San Francisco, February 1974.
- N. F. Schneidewind, "Management Information Systems," Data Processing Management Association, Hartnell College, Salinas, CA, April 1974.
- N. F. Schneidewind, "Software Complexity and the Cost of Testing," AIEE National Conference, 1975, with G. Bradley and G. Howard.
- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," ORSA Western Section Meeting, Monterey, CA, March 1975.
- N. F. Schneidewind, "Analysis of Errors in Computer Software," 1975 International Conference on Reliable Software, Sponsored by IEEE, ACM, and NBS, Los Angeles, CA, April 1975.
- N. F. Schneidewind, "An Analysis of Computer Performance and Resource Usage in a Multi-programming Environment," ORSA/TIMS Meeting, Chicago, IL, May 1975.
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- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," Symposium on the Simulation of Computer Systems, Sponsored by National Bureau of Standards and the ACM, Boulder, Colorado, August 1975.
- N. F. Schneidewind, "Analysis of Computer Performance in Multi-Programmed Processing," Computer Performance Users Group Meeting, Oklahoma City, September 1975.
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- N. F. Schneidewind, "The Use of Simulation in the Evaluation of Software," Computer, IEEE Computer Society, April 1977.
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- N. F. Schneidewind, "Analysis of Error Processes in Computer Software," Technical Report NPS-55SS74071, July 1974.
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- J. Antonelli, "Updating the Navy Environmental Protection Data Base to Incorporate a Cost Figure for an Oil Spill," June 1975, (Advisor: M. U. Thomas).
- R. E. Beal, "An Investigation of a Method of Obtaining a Phase Coherence Numeric," 1974, (Advisor: G. A. Rahe).
- R. M. Clautero, "Generalized Approach for Evaluating Data Base Organization and Indexing Methods," 1975, (Advisor: N. F. Schneidewind).
- E. Coulter and D. J. Parker, "Machine Independence - The Problems of Portability," 1974, (Advisor: G. A. Kildall).
- J. W. Cowan, "An Implementation of an Iterative Global Flow Analysis Algorithm," 1974, (Advisor: G. A. Kildall).
- J. C. Davis, II, "Current Alternatives for a Cockpit Calculator for Tactical Aircraft Pilots," 1975 (Advisor: R. Panholzer).
- R. H. Ekstrom and W. H. Reinhardt, "A Microprocessor-based Communications Information System," 1975, (Advisor: V. M. Powers).
- T. J. Giardina, "An Interactive Graphics Approach to the Flight Deck Handling Problem," 1974, (Advisor: G. A. Rahe).
- T. F. Green, "Software Error Detection Model," 1975, (Advisor: N. F. Schneidewind).
- M. Harris, "A Prototype Ring Interface for the NPS Data Communication Ring," 1974, (Advisor: R. H. Brubaker).
- J. A. Hawley, III and W. D. Meyer, "MUNIX, A Multiprocessing Version of UNIX," 1975, (Advisor: B. E. Allen).
- R. C. Hilzer, "NANCEE: An Approach to Barrier Sonobuoy Pattern Optimization," 1974, (Advisor: D. E. Harrison, Jr.).
- C. G. Honour, "A Computer Solution to the Daily Flight Schedule Problem," 1974, (Advisor: U. R. Kodres).
- B. Janov and V. Johns, "All Application Digital Computer Operating System Design and Specification," 1974, (Advisor: G. L. Barksdale, Jr.).

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- J. M. Fremgen, "Measurement Issues in the FASB's Conceptual Framework for Accounting and Reporting," 1977 Annual International Conference of National Association of Accountants, Chicago, IL, June 1977.
- W. C. Giauque, presented a two-hour summary of utility and Decision Theory, together with a summary of possible applications in oil spill control at Symposium on Oil Spill Control Technology, Monterey, CA, October 1975.
- W. C. Giauque, "Paramedical Personnel in the Armed Forces Health Care System." Presented with Reuben Harris to Symposium on Health Care, Carmel, CA, Nov. 1975.
- W. C. Giauque, "Studies on the Effectiveness of Paramedical Usage in Medical Care Delivery," with R. Harris, presented at the Ninth Annual Health Systems Symposium, November 1975, Carmel, CA.
- W. C. Giauque, "Applications of Computers in Medical Care Delivery," presented at the Ambulatory Health Care Symposium, San Diego, CA, February 1976.
- C. R. Jones, "Escalation Provisions for Navy Contracts: Issues and Choices," with M. G. Sovereign, Fourth Annual DOD Procurement Research Symposium, October 1975.
- C. R. Jones, "The Naval Ship Acquisition Process as a System," with S. M. Dean, M. G. Sovereign, presentation to the Navy R&D Council for Acquisition Research, December 1975.
- R. R. Judson, "The Maturing of Congressional Responsibilities in Acquisition," San Francisco Chapter of the National Contract Management Association, San Francisco, CA, December 1974.
- R. R. Judson, "Procurement Management Education: What Should Be Done?" National Contract Management Association, National Symposium, Los Angeles, CA, July 1975.
- M. B. Kline, "Preparing for a New Program - Concept/Predesign/Proposal," EIA Working Conference on New Perspectives in Product Effectiveness, San Diego, CA, May 1974.
- M. B. Kline, "Maintenance and Maintainability Interfaces in Integrated Logistics Support," ADPA/VS Army Material Command Maintainability Engineering Symposium, Washington, D. C., September-October 1974.

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- M. B. Kline, "Value Engineering and Design to Cost," EIA Value Engineering Management Committee, Palo Alto, CA, June 1974.
- M. B. Kline, "Maintainability Engineering," University of Arizona Reliability and Maintainability Institute, Tucson, Arizona, November 1974.
- M. B. Kline, "A Critical Appraisal of the Requirements Determination Process," Naval Aviation Executive Institute Tactical Missile Colloquium, Naval Postgraduate School, Monterey, CA, April 1976.
- M. B. Kline, "Naval Postgraduate School Educational Programs and their Potential Application to ATE Education," Workshop A-6 on Education, Training, and Management at Automatic Test Equipment Conference and Workshop, San Diego, CA, April 1976.
- M. B. Kline, "Maintainability Consideration in System Design," at Third Annual Reliability Engineering Conference for the Electric Power Industry, Montreal, Canada, September 1976.
- M. B. Kline, "A Critique of the Requirements Determination Process," at EIA Design/Support Effectiveness Seminar, Los Angeles, CA, September 1976.
- M. B. Kline, "Recent Changes in Defense System Acquisition" at Santa Clara Chapter, Society of Logistics Engineers, Sunnyvale, CA, January 1977.
- M. B. Kline, "Maintainability Considerations," at IEEE Reliability Seminar, Stanford University, Palo Alto, CA, January 1977.
- S. S. Liao, "Relevance, Level of Analysis, and Behavioral Studies on Financial Reporting," American Accounting Association's Southwest Regional Meeting, New Orleans, March 1977.
- S. S. Liao, "Where Skinner's Theories Work in Professional Education," American Accounting Association's Southwest Regional Meeting, New Orleans, March 1977.
- L. C. Paringer, S. Mushkin, and M. Chen, "Returns to Biomedical Research 1900-1975: An Initial Assessment of Impacts on Health Expenditures," Atlantic Economic Conference, October 1976.

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- N. F. Schneidewind, "Data Privacy and Security," Salinas Valley, Monterey Peninsula Chapter of the National Association of Accountants and Data Processing Management Association, January 1974.
- N. F. Schneidewind, "Mass and Memory System Peripherals," Eighth IEEE Computer Society International Conference, San Francisco, February 1974.
- N. F. Schneidewind, "Management Information Systems," Data Processing Management Association, Hartnell College, Salinas, CA, April 1974.
- N. F. Schneidewind, "Software Complexity and the Cost of Testing," AIEE National Conference, 1975, with G. Bradley and G. Howard.
- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," ORSA Western Section Meeting, Monterey, CA, March 1975.
- N. F. Schneidewind, "Analysis of Errors in Computer Software," 1975 International Conference on Reliable Software, Sponsored by IEEE, ACM, and NBS, Los Angeles, CA, April 1975.
- N. F. Schneidewind, "An Analysis of Computer Performance and Resource Usage in a Multi-programming Environment," ORSA/TIMS Meeting, Chicago, IL, May 1975.
- N. F. Schneidewind, "Structure and Error Detection in Computer Software," with G. Bradley and G. Howard, AIEE National Conference, Washington, D. C. May 1975.
- N. F. Schneidewind, "Simulation of Error Detection in Computer Programs," Symposium on the Simulation of Computer Systems, Sponsored by National Bureau of Standards and the ACM, Boulder, Colorado, August 1975.
- N. F. Schneidewind, "Analysis of Computer Performance in Multi-Programmed Processing," Computer Performance Users Group Meeting, Oklahoma City, Sept., 1975.
- N. F. Schneidewind, "Program Structures, Complexity and Error Characteristics," Microwave Research Institute Symposium on Computer Software Engineering, New York City, April, 1976.
- N. F. Schneidewind, "Future Directions in Software Quality Assurance," National Computer Conference, New York City, June 1976.
- N. F. Schneidewind, "Validation Tests for a Software Error Simulation Model," 1976 Summer Simulation Conference, Washington, D. C., July 1976.

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- N. F. Schneidewind, "A Simulation Study of Initiator/Terminator Policy in OS/MVT," Computer Performance Users Group, 13th Meeting, New Orleans, La., October 1977.
- N. F. Schneidewind, "Modularity Considerations in Real Time Operating Systems Structures," IEEE Computer Society First International Computer, Software and Applications Conference, Chicago, Ill., November 1977.
- N. F. Schneidewind, "An Experiment in Software Error Data Collection and Analysis," Sixth Texas Conference on Computing Systems, University of Texas, Austin, Texas, November 1977.
- N. F. Schneidewind, "Comparison of Simulator Predicted Operating System Performance with Actual System Performance," Sixteenth IEEE Computer Society International Conference, San Francisco, Ca., March 1978.
- N. F. Schneidewind, "The Application of Simulation to the Evaluation of Computer Software," Computer Performance Evaluation Users Group, San Diego, CA, November 1976.
- N. F. Schneidewind, "Directed Graph Measures of Computer Program Complexity," ORSA/TIMS Meeting, Miami, Florida, Nov. 1976.
- N. F. Schneidewind, "Parameter Limit Values as Indicators of Information System Performance and Quality," TIMS XXIII, Athens, Greece, July 1977.
- J. D. Senger, "Psychological Correlates of Naval Officer Promotion Patterns," 37th MORS, Fort Bliss, Texas, June 1976.
- R. A. Weitzman, "Pattern Analysis: Stepwise and Structural," Presented at Psychometric Society Meeting at Stanford University, March 1974.
- R. A. Weitzman, "Superiority of Fit," presented at Psychometric Society meeting at the University of North Carolina, June 1977.
- R. A. Weitzman, "True-score Estimation of Cell Frequencies in Pattern Analysis," presented at American Psychological Association convention, San Francisco, CA, August 1977.
- D. R. Whipple, "The Perceived Quality of Health Care in the U.S. Military Delivery System," with R. Harris, NATO Conference on Human Factors in Health Care, Lisbon, Portugal, 1974.

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- D. R. Whipple, "The Use of Operations Research to Generate Alternative Health Plan Structures," at ORSA Meeting, Boston, MA, April 1974.
- D. R. Whipple, "Analytical Aspects of a Multi-Regional Health Care Voucher System," at Western Economic Association Meetings, Las Vegas, Nevada, June 1974.
- D. R. Whipple, "Optimal Replacement: An Extension to Consumer Durables," with K. Terasawa, at Operations Research Society of America Meeting, San Juan, Puerto Rico, October 1974.
- D. R. Whipple, "An Integrated Production Function for a Military HMO," at Military Applications Section of the Operations Research Society of America, San Juan, Puerto Rico, October 1974.
- D. R. Whipple, "Doctors, Patients and the Demand for Health Care," at First Annual Eastern Economics Association Meeting, Albany, New York, October 1974.
- D. R. Whipple, "Some Thoughts on the Structure of the U. S. Military Health Care Delivery System," Military Operations Research Society, Ft. Eustis, VA, December 1974.
- D. R. Whipple, "On an Aspect of the Supply of Physicians to the Civilian and Military Sectors," with M. K. Block, presented at Society of Government Economists Meeting, Washington, D. C., March 1975.
- D. R. Whipple, "Analytical Properties of Health Care as a Right," with John Hoag, at Western Economics Association Meeting, San Diego, CA, June 1975.
- D. R. Whipple, "Revolution vs Evolution in Health Care Delivery," at Association for Humanistic Psychology Meeting, Estes Park, Colorado, August 1975.
- D. R. Whipple, "Analytical Aspects of a Multi-Regional Health Care Voucher System," (with K. Terasawa) presented at Eastern Economics Association Meeting, Bloomsburg, Pa., April 1976.
- D. R. Whipple, "Some Determinants of Physician Migration to the United States," (with M. Block, F. Nold, and J. Flanders) presented at Western Economics Association Meetings, San Francisco, CA, June 1976.

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- D. R. Whipple, "Development of Management Incentives to Accompany Capitation Budgeting in the U. S. Military Health Care Delivery System," presented at 10th Annual Health Systems Research Symposium, Miami, Florida, November 1976.
- D. R. Whipple, "The Contribution of Non-Physician Providers to the Search for a More Equitable and Efficient Health Care Delivery System," presented at American Association for Advancement of Science Meetings, 1977, San Francisco, CA.
- D. R. Whipple, "Structural Change in the U. S. Military Health Care Delivery System: The Goal of Cost Containment," presented at the North American-European Comparative Health Systems Evaluation Conference, 1977, Milan, Italy.
- C. A. Wright, "Military Human Resources Management Problems in the Post-Vietnam Era: Forces Creating the Vacuum Conducive to Unionization--Some Proposed Countermeasures," presented at the 39th Military Operations Research Symposium, U. S. Naval Academy, Annapolis, Maryland, June 1977.

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- J. K. Arima with B. B. Gray and W. W. Oertel, "A Comparison of Learning Behavior Among Different Etiological Categories of Language-Handicapped Children." Journal of Verbal Learning and Verbal Behavior, 1977.
- J. K. Arima, "Systems Analysis of Navy Recruiting." JSAS Catalog of Selected Documents in Psychology, 1977, 7, 50 (Ms. 1504).
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- C. B. Derr, "Organization Development in Education," UCLA Educator, May 1974.
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- C. K. Eoyang and W. J. Haga, "Old Wine in New Bottles," Behavioral Science, Volume 22, No. 1, January 1977.
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- N. F. Schneidewind, "Analysis of Error Processes in Computer Software," Proceedings of the 1975 IEEE/ACM/NBS/NSF International Conference on Reliable Software, April 1975, pp. 337-346.

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- N. F. Schneidewind, "Structure and Error Detection in Computer Programs," Proceedings of the AIIE National Conference, May 1975, with G. Bradley and G. Howard.
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- J. D. Senger, "Organizational Problem Solving and Creativity," Public Personnel Management, November-December 1974.
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- J. L. Cook, "Predictors of Academic Success of Graduate Students in the Communications Management Curriculum of the U.S. Naval Postgraduate School," 1974, (Advisor: R. A. Weitzman).
- M. D. Raj, "Language Identification by Statistical Analyses," 1974, (Advisors: R. A. Weitzman and V. M. Powers).
- R. B. Bower, "An Investigation of the Lifestyle of Coast Guard Enlisted Grade Families Concerned Specifically with Housing Benefits, and Use of Related Coast Guard Programs," 1975, (Advisor: R. A. Weitzman).
- T. M. Nilssen, "U. S. and Norwegian Military Officers' Personality Traits, Attitudes, Values, and Leadership Styles: A Cross-National Comparison," 1975, (Advisors: R. A. Weitzman and J. D. Senger).
- J. F. Anderson and R. W. Cooper, Jr., "Analysis of the Correlation between Psychological Variables and U. S. Navy Officer Promotion," 1976, (Advisors: R. A. Weitzman and J. D. Senger).
- C. A. Millard, "A Factor Analysis of the Behavioral Dimensions of Marine Corps Performance Evaluation," 1976, (Advisor: R. A. Weitzman).
- R. A. Packard, Jr., "Premature Personnel Attrition in the U. S. Marine Corps," 1976, (Advisors: R. A. Weitzman and J. K. Arima).
- J. Q. Jackson, "A Program for the Tailored Selection of Response Patterns," 1976, (Advisor: R. A. Weitzman).
- P. Johnson, "Physician Supply: A Review of the Literature and An Analysis of Physician Supply Functions," Sept. 1974, (Advisors: D. R. Whipple and M. Block).
- W. Mackey and R. Without, "Physician Supply: An Econometric Approach," March 1975, (Advisors: D. R. Whipple and M. Block).
- W. Truesdell and M. Duny, "An Analysis of National Health Planning and Resource Development Act of 1974 and Its Impact on Health Care Delivery," June 1976, (Advisor: D. R. Whipple).

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DEPARTMENT OF ADMINISTRATIVE SCIENCES

MASTER'S THESES DIRECTED (CONT)
(Except as indicated)

- M. Prigmore and H. Crank, "Performance Indices for Military Hospitals," June 1977, (Advisor: D. R. Whipple).
- R. Jones, "An Analysis of the Implications of Decentralization in the Military Health Services System," June 1977, (Advisor: D. R. Whipple).
- M. Roman and W. Brown, "Derivation and Use of Average Costs per Beneficiary as Policy Indicators for Resource Planning," March 1978, (Advisor: D. R. Whipple).

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DEPARTMENT OF ADMINISTRATIVE SCIENCES

BOOKS

- J. W. Creighton, Technology Transfer in Research and Development with A. Jolly. Naval Postgraduate School and Naval Material Command, 1976.
- C. B. Derr, Organization Development in Urban School Systems, Sage Publications, C. Brooklyn Derr, ed., 1974.
- C. K. Eoyang, "Studies on The Effectiveness of Paramedical Usage in Medical Care Delivery," W. C. Giauque, C. B. Derr, C. Eoyang and R. Harris, in Systems Science in Health Care, edited by A. M. Coblentz and J. R. Walter, Taylor & Francis Ltd., London 1977.
- J. M. Fremgen, Accounting for Managerial Analysis (3rd Edition), Richard D. Irwin, Inc., 1976.
- R. A. McGonigal, "Civilian-Military Racism in the Seventies: The Challenge of Reducing Cultural Differences Through Planned Change" (Chapter 7), in Lovell and Kronenberg: New Civilian-Military Relations, Transaction Books (1974).
- R. A. Weitzman, Statistics: Why and How (A Textbook for Psychologists), 1978 (tentative).

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DEPARTMENT OF OPERATIONS RESEARCH

CONFERENCE PRESENTATIONS

- A. F. Andrus, "Concept of an Interactive BALFRAM," with P. Tuan, Proceedings of Pacific Conference on Decision Analysis, 1976.
- D. R. Barr, "Stochastic Implications of Utility Assignments," with F. Richards, Operations Research Society of America, Western Section Meeting, March 7, 1975.
- D. R. Barr, "Statistical Aspects of Lumpability with Applications to Manpower Models," with M. Thomas, Operations Research Society of America and The Institute of Management Sciences Joint National Meeting, April 30, 1975.
- D. R. Barr, "Probability Feedback in the Assessment of Utilities," with F. Richards, American Institute for Decision Sciences, Annual Meetings, Cincinnati, Ohio, November 5, 1975. Full paper in Proceedings of the meeting.
- D. R. Barr, "Some Geometric Characteristics of Markov Chain Lumpability," with M. Thomas, Operations Research Society of America and The Institute of Management Sciences Joint National Meeting, Philadelphia, Pennsylvania, March 31, 1976.
- D. R. Barr, "A Sequential Test Based on Sample Medians," with T. Burnett, Annual Meeting of the American Statistical Association, 1976.
- D. R. Barr, "Statistical Lumpability of a Markov Manpower Model," with M. Thomas, Annual Meetings of the Operations Research Society of America, 1977.
- D. R. Barr, "Characteristics of MOE's in the C3 Setting," with F. Richards, Military Operations Research Symposium, 1977.
- G. H. Bradley, "Bilateral Trade Theory: A Problem in Combinatorial Analysis and Graph Theory," with Ross Starr (Yale University) M.S.S.B. Colloquium on Mathematical Economics, University of California, Berkeley, August 1974.
- G. H. Bradley, "Deterministic Networks," Second Annual Systems Engineering Conference of the American Institute of Industrial Engineers, Minneapolis, Minnesota, November 1974.
- G. H. Bradley, "A Comparison of Storage Structures for Primal Network Codes," with G. Brown and G. Graves, Operations Research Society of America National Meeting, Chicago, May 1975, and invited by Management Science.
- G. H. Bradley, "Structure and Error Detection in Computer Software," with G. T. Howard and N. F. Schneidewind, American Institute of Industrial Engineer's Meeting, Washington, D.C., May 1975.

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CONFERENCE PRESENTATIONS (CONT)

- G. H. Bradley, "Fixed Order Enumeration Methods," Operations Research Society of America National Meeting, Las Vegas, November 1975.
- G. H. Bradley, "Tailoring Primal Network Codes to Classes of Problems with Common Structure," with G. G. Brown and G. Graves, Operations Research Society of America National Meeting, Las Vegas, November 1975.
- G. H. Bradley, "Surrogate Programming Approach to Solution of Large Scale Primal Network Codes," with G. G. Brown and G. Graves, Operations Research Society of America National Meeting, Philadelphia, March 1976.
- G. H. Bradley, "Large Scale Network Optimization," with G. G. Brown and G. Graves, IX International Symposium on Mathematical Programming, Budapest, Hungary, August 1976.
- G. G. Brown, "Approximation of Stochastic Vector Products," with H. Rutemiller, Operations Research Society of America Meeting, Boston, Spring 1974.
- G. G. Brown, "Matrix Inversion by Block Pivoting," Operations Research Society of America Meeting, San Juan, Fall 1974.
- G. G. Brown, "A Comparison of Storage Structures for Primal Network Codes," with G. Bradley and G. Graves, Operations Research Society of America Meeting, Chicago, Spring 1975.
- G. G. Brown, "A Nonlinear Programming Algorithm Using Higher Order Representations of Highly Nonlinear Problems," Western Operations Research Society of America Meeting, Monterey, Spring 1975.
- G. G. Brown, "Maximum Likelihood Estimation of the Probability of Labor Force Participation When the Dependent Variable is Binary with an Application to the AFDL Population-at-Risk," with H. Rutemiller and E. Solberg, Western Economics Association, San Diego, 1975.
- G. G. Brown, "An Application of a Nonlinear Integer Programming Algorithm to an Engineering Design Problem," with G. Graves, Operations Research Society of America Meeting, Las Vegas, Fall 1975.
- G. G. Brown, "An Examination of the Effects of the Criterion Functional on Optimal Fire-Support Policies," with J. Taylor, Operations Research Society of America Meeting, Las Vegas, Fall 1975.

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CONFERENCE PRESENTATIONS (CONT)

- G. G. Brown, "Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare," with J. Taylor, Operations Research Society of America Meeting, Las Vegas, Fall 1975.
- G. G. Brown, "Tailoring Primal Network Codes to Classes of Problems with Common Structure," with G. Bradley and G. Graves, Operations Research Society of America Meeting, Las Vegas, Fall 1975.
- G. G. Brown, "Large Scale Primal Network Algorithms," with G. Bradley, Western Management Science Institute, University of California, Los Angeles, February 1976.
- G. G. Brown, "Surrogate Programming Approach to Solution of Large Scale Network Problems," with G. Bradley and G. Graves, Operations Research and The Institute of Management Sciences Meeting, Philadelphia, March 1976.
- G. G. Brown, "Network Optimization and Energy Modelling," with G. Bradley, Federal Energy Administration, June 1976.
- G. G. Brown, "Network Optimization and Defense Modelling," with G. Bradley, Center for Naval Analyses, August 1976.
- G. G. Brown, "Optimization and Energy Modelling," with G. Bradley, Federal Energy Administration, September 1976.
- G. G. Brown, "Recent Advances in Network Optimization," University of Missouri, St. Louis, October 1976.
- G. G. Brown, "Extensions of Network Optimization Algorithms," with G. Bradley, Association for Computing Machinery, Houston, November 1976.
- G. G. Brown, "Exploitation of Network Structure in Optimization," with G. Bradley, Texas Instruments, Dallas, November 1976.
- G. G. Brown, "Imbedded Networks in Large Scale Optimization Models," with G. Bradley, Operations Research Society of America and The Institute of Management Sciences Meeting, Miami, November 1976.
- G. G. Brown, "Further Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare: A New Definition of Power Lanchester Functions," with J. Taylor, Operations Research Society of America and The Institute of Management Sciences Meeting, Miami, November 1976.

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CONFERENCE PRESENTATIONS (CONT)

- G. G. Brown, "Extensions of Network Optimization Algorithms," with G. Bradley and G. Graves, Operations Research Society of America and The Institute of Management Sciences Meeting, Miami, November 1976.
- G. G. Brown, "Issues in Basis Manipulation - Factorization/Decomposition," Operations Research Society of America and The Institute of Management Sciences Meeting, Miami, November 1976.
- G. G. Brown, "Modelling and Constraints on Force Readiness," Military Operations Research Society, Ft. Eustis, December 1976.
- G. G. Brown, "Large Scale Network Optimization," with G. Bradley, Stanford Operations Research Colloquium, January 1977.
- G. G. Brown, "Use of Simple Algebraic Structures for Implementing Algorithms in Large Scale Mathematical Programming," with G. Graves, American Mathematical Society, Hayward, April 1977.
- G. G. Brown, "Advances in Large Scale Optimization," with G. Bradley and C. Sibre, Operations Research, Stanford, April 1977.
- G. G. Brown, "Applications of Nonlinear Programming," Association for Computing Machinery, Seattle, October 1977.
- G. G. Brown, "Network Models and Logistics Management," National Council on Physical Distribution Management, Los Angeles, October 1977.
- G. G. Brown, "Preprocessing of Large Linear Programs," with G. Bradley and G. Graves, Operations Research Society of America and The Institute of Management Sciences Meeting, Atlanta, November 1977.
- G. G. Brown, "Numerical Determination of the Parity-Condition Parameter for Lanchester-Type Equations of Modern Warfare," with J. Taylor, Operations Research Society of America and The Institute of Management Sciences Meeting, Atlanta, November 1977.
- G. G. Brown, "Use of Elastic Linear Programming," with G. Graves, Operations Research Society of America and The Institute of Management Sciences Meeting, Atlanta, November 1977.
- J. D. Esary, "Reliability Analysis of Phased Missions," Conference on Reliability and Fault Tree Analysis, Berkeley, September 1974.
- J. D. Esary, "The Effect of Modeling Depth on Reliability Prediction for Systems Subject to a Phased Mission Profile," International Conference on Nuclear Systems Reliability Engineering and Risk Assessment, Gatlinburg, Tennessee, June 1977.

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CONFERENCE PRESENTATIONS (CONT)

- D. P. Gaver, "Multitype Multiprogramming: Probability Models and Numerical Procedures," with G. Humfeld, Proceedings of the International Symposium on Computer Performance Modeling, Measurement, and Evaluation, Harvard University, pp. 38-43, March 1976.
- J. K. Hartman, "Heuristics for Global Optimization," ORSA/TIMS Joint National Meeting, Boston, April 1974. Abstract published in ORSA Bulletin, 22, Supplement 1, Spring 1974.
- J. K. Hartman, "Extension of the Grid Linearization Algorithm for Convex Optimization to Nonconvex Nonlinear Programs," ORSA/TIMS Joint National Meeting, Las Vegas, 17-19 November 1975. Abstract published in ORSA Bulletin, 23, Supplement 2, Fall 1975.
- J. K. Hartman, "The Potential for Use of Quantitative Methods in Education and Training Systems Management," COMNAVAIRPAC Educational Systems Management Seminar, Naval Postgraduate School, 12-22 August 1975.
- J. K. Hartman, "A Review of Some Approaches to Global Optimization of Nonconvex Nonlinear Programs," Joint TIMS/ORSA Meeting, San Francisco, 9-11 May 1977.
- G. T. Howard, "Structure and Error Detection in Computer Software," with G. Bradley and N. Schneidewind, American Institute of Industrial Engineers, Washington, D.C., May 21, 1975.
- G. T. Howard, "Program Structure and Error Characteristics," with T. Green, N. Scheneidewind and R. Pariseau, Polytechnic Institute of New York, M.R.I. Symposium on Computer Software Engineering, April 20-22, 1976.
- H. J. Larson, "Econometrics in Systems Analysis," Third Annual Meeting, Systems Analysis, Society of China, Taipei, September 12, 1976.
- P. A. W. Lewis, "Statistical Tests of Some Widely Used and Recently Proposed Uniform Random Number Generators," with G. P. Learmonth. In Proceedings 7th Conference on Computer Science and Statistics, 1974.
- P. A. W. Lewis, "Marked Cluster Point Processes as Models for Earthquake Occurrence," International Geophysics Conference, Cambridge, England, 1974.
- P. A. W. Lewis, "Mixed Moving Average and Autoregressive Gamma Point Processes," Point Process Workshop, London, 1974.
- P. A. W. Lewis, "Mixed Moving Average and Autoregressive Gamma Point Processes," Annual Statistical Societies Meetings, August 1975.

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CONFERENCE PRESENTATIONS (CONT)

- P. A. W. Lewis, "Recent Results in the Generation and Testing of Uniform Random Variates," TIMS Meeting, Kyoto, 1975.
- K. T. Marshall, "Data Bank Retrieval and Confidentiality Problems," Symposium on the Utilization of Organizational Indicator Data (sponsored by ONR), University of Michigan, September 1974. Published in Proceedings.
- K. T. Marshall, "Interactive Manpower Policy Planning Models in the U.S. Navy and Marine Corps," with R. M. Oliver, ORSA/TIMS National Meeting, Puerto Rico, October 1974.
- K. T. Marshall, "Some Optimization Models in Long-Run Manpower Planning," with R. C. Grinold, ORSA/TIMS Meeting, Philadelphia, April 1976.
- K. T. Marshall, "Analysis of Deficits in Discrete Time Resource Allocation Problems with Correlated Supplies and Demands," with F. R. Richards, Fall National Meeting, S.I.A.M., Atlanta, October 1976.
- K. T. Marshall, "Efficient Computation and Long Range Optimization Applications Using a Two-Characteristic Markov-Type Manpower Flow Model," NATO Conference on Manpower Planning, Stresa, Italy, June 1977.
- P. R. Milch, "Life Testing Type Data from Military Experiments," Joint ORSA/TIMS Meeting, Las Vegas, 17-19 November 1975.
- D. E. Neil, "Behavioral Techniques for 'Early Warning' Health Screening Systems," NSF National Conference on Future Directions in Occupational Safety and Health, Columbia, Maryland, May 1974.
- D. E. Neil, "Biorhythms and Industrial Safety," National Safety Council's National Safety Congress, Chicago, October 1974. Published in Congress Proceedings.
- D. E. Neil, "Biological Periodicity and Accidents," Society of Safety Engineers' Meeting, San Jose, June 1975.
- D. E. Neil, "Biological Cycles and Human Performance," Office of Naval Research Brain Mechanisms and Behavior Meeting, Monterey, July 1975.
- D. E. Neil, "Biorhythms - Possible Applications to Flight Safety," International Airline Transport Association - Human Factors Conference, Istanbul, Turkey, November 1975.

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CONFERENCE PRESENTATIONS (CONT)

- S. H. Parry, "An Analysis of Factors Affecting a Tank Commander's Firing Decision Process," Proceedings of Thirteenth Annual U.S. Army Operations Research Symposium, 1974.
- S. H. Parry, "The XM-1 Tank Material Needs Study - An Application of DYTACS-X and FAST (Bonder-IUA)," Thirty-Sixth Military Operations Symposium, Quantico, Virginia, 16-18 December 1975.
- S. H. Parry, "An Analysis of Field Artillery Unit Configurations Employing Cannon Launched Guided Projectiles," Proceedings of Fourteenth Annual U.S. Army Operations Research Symposium, 1975.
- S. H. Parry, "A First Cut Method for Evaluating Improvements in Tank Performance Due to Design Changes," Proceedings of Fourteenth Annual U.S. Army Operations Research Symposium, 1975.
- S. H. Parry, "Parameterization of Terrain in Army Combat Analysis," Fifteenth Army Operations Research Symposium, Fort Lee, Virginia.
- S. H. Parry, "A Quantification of Mobility and Agility," Fifteenth Army Operations Research Symposium, Fort Lee, Virginia.
- S. H. Parry, "Cost and Operational Effectiveness Analysis (COEA) Methodology - the XML Tank," Operations Research Society of America - Western Meeting, Los Angeles, September 1976.
- S. H. Parry, "The Use of Simulation in the Acquisition Process of the XML Main Battle Tank," Summer Computer Simulation Conference, Chicago, 18-20 July 1977. Full paper and abstract in conference proceedings.
- S. H. Parry, "The Generation and Use of Parameterized Terrain in Land Combat Simulation," 1977 Winter Simulation Conference, National Bureau of Standards, Gaithersburg, 5-7 December 1977. Full paper and abstract in conference proceedings.
- S. H. Parry, "Scatterable Mines: Evaluation, Deployment and Detection," Sixteenth Army Operations Research Symposium, Fort Lee, Virginia, 1977. Full paper and abstract in conference proceedings.
- S. H. Parry, "Operations Research at the Corps Level: An Analysis of V Corps Major Training Area Operations," Sixteenth Army Operations Research Symposium, Fort Lee, Virginia, 1977. Full paper and abstract in conference proceedings.
- S. H. Parry, "The Effect of Target Vehicle Agility on Tank Gunners," Sixteenth Army Operations Research Symposium, Fort Lee, Virginia, 1977. Full paper and abstract in conference proceedings.

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CONFERENCE PRESENTATIONS (CONT)

- G. K. Poock, "Kirlian Photography as a Medical Diagnostic Tool," Canadian Medical Association, Annual Conference, Toronto, June 1974.
- G. K. Poock, "Current Status of Kirlian Photography Development: Poock-Sparks Cinematography," Ontario Medical Association 95th Annual Meeting, London, Ontario, 5 May 1975.
- G. K. Poock, "High Voltage Motion Picture Photography," New York Academy of Medicine and IKRA Conference, 17 May 1975. (Presented in absentia).
- G. K. Poock, "The Poock-Sparks Technique of Motion Picture Kirlian Photography and a Technique for Quantifying Kirlian Photographs," Invited speech presented in absentia via tape to the 2nd International Conference of the International Association for Psychatronic Research, 1-4 July 1975, Monte Carlo, Monaco.
- G. K. Poock, "High Voltage Photography: Applications and Pitfalls," Fall Conference, Drexel University, Office of Continuing Education and IKRA, Philadelphia, November 1975.
- F. R. Richards, "A Rationale for Selecting a Family of Demand Distributions for Inventory Systems," with M. Thomas, AIIE, New Orleans, May 1974.
- F. R. Richards, "Comments on the Distribution of Inventory Position in a Continuous-Review (s,S) Inventory System," ORSA/TIMS, San Juan, October 1974.
- F. R. Richards, "An Experiment in Teaching Probability to Junior High School Students," Math Conference of Monterey Peninsula Unified School District, Monterey, October 1974.
- F. R. Richards, "Stochastic Implications of Utility Assignments," with D. Barr, ORSA, Monterey, March 1975.
- F. R. Richards, "A Critique of 'An Algorithm for the Dynamic Lot Size Problem with Price Breaks,'" DOD Procurement Research Symposium, USAF Academy, October 1975.
- F. R. Richards, "DELPHI Sessions on Performance Capabilities," Workshop on Systems Effectiveness, Harbor Oil Spill Removal System Development Program, Monterey, November 1975.
- F. R. Richards, "Probability Feedback in the Assessment of Utilities," with D. Barr, AIDS, Cincinnati, November 1975.

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CONFERENCE PRESENTATIONS (CONT)

- F. R. Richards, "Analysis of Deficits in Discrete Time Resource Allocation Problems with Correlated Supplies and Demands," SIAM, Atlanta, October 1976.
- F. R. Richards, "Measures of Effectiveness in Command, Control and Communications," with D. Barr, MORS, Monterey, December 1977.
- R. H. Shudde, "Calculator Overview: What is New and Exciting?," WESCON/77, San Francisco, 19-21 September 1977. Full paper is in conference record.
- R. H. Shudde, "Role of the Handheld Calculator in the Navy," 5th National PROCAL Workshop, Naval Ocean Systems Center, San Diego, 1-4 November 1977.
- M. G. Sovereign, "Results of the Seminar on Acquisition Cost Estimating Models," Proceedings of the Eighth Annual DOD Cost Research Symposium, DCRA Office of the Comptroller of the Navy, Washington, D.C. 20350, pp. 177-182.
- M. G. Sovereign, "Escalation: Why, When and How," with Carl R. Jones, Proceedings of the 4th Annual DOD Procurement Conference, Colorado Springs, Colorado, 16-18 October 1975.
- M. G. Sovereign, "A Conceptual Model for Setting Design-to-Cost Goals," Proceedings of the 36th MORS Symposium, Quantico, Virginia, 17 December 1975, pp. 202-214.
- M. G. Sovereign, "A Proposed Educational Program for Command, Control and Communications," Proceedings of the ARPA Workshop on Decision Information, Tactical Command and Control, Airlie House, Virginia, 22-25 September 1976, pp. 519-530.
- J. G. Taylor, "Fire Distribution in Lanchester Inertial Combat, I: 'Square Law' Attrition of Target Types," Military Applications Section Session, 45th Joint National Meeting, ORSA and Institute of Management Sciences, Boston, 22-24 April 1974. ORSA Bulletin, 22, Suppl. 1, B-139 1974
- J. G. Taylor, "An Examination of Optimal Fire-Support Strategies," with J. E. Ellis, 46th National Meeting of ORSA and the XXI International Meeting of the Institute of Management Sciences, San Juan, Puerto Rico, 16-18 October 1974. ORSA Bulletin, 22, Suppl. 2, B-388 1974
- J. G. Taylor, "Lanchester-Type Models of Warfare," 46th National Meeting of ORSA and the XXI International Meeting of the Institute of Management Sciences, San Juan, Puerto Rico, 16-18 October 1974.

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CONFERENCE PRESENTATIONS (CONT)

- J. G. Taylor, "State-of-the-Art for Quantitative Analysis of Military Tactics," Naval Warfare Research Center, Stanford Research Institute, April 1975.
- J. G. Taylor, "The Force-Ratio Equation for Some Lanchester-Type Models of Warfare," with S. H. Parry, ORSA/TIMS Meeting, Chicago, 30 April-2 May 1975. ORSA Bulletin, 23, Suppl. 1, B-136, 1975.
- J. G. Taylor, Invited tutorial on Lanchester-type Models of Warfare at the 35th Military Operations Research Symposium, Annapolis, Maryland, 1-3 July 1975.
- J. G. Taylor, "Summary of Invited Papers," ONR Fire Support Methodology Workshop, Naval Postgraduate School, 4-7 August 1975.
- J. G. Taylor, "An Examination of the Effect of the Criterion Functional on Optimal Fire-Support Policies," with G. G. Brown, ORSA/TIMS Meeting, Las Vegas, 17-19 November 1975. ORSA Bulletin, 23, Suppl 2, B-329, 1975.
- J. G. Taylor, "Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare," with G. G. Brown, ORSA/TIMS Meeting, Las Vegas, 17-19 November 1975. ORSA Bulletin, 23, Suppl. 2, B-384, 1975.
- J. G. Taylor, "A General Theory for Lanchester Combat Models," with C. Comstock, SIAM-SIGNUM 1975 Fall Meeting, San Francisco, 3-5 December 1975.
- J. G. Taylor, "On the Relationship Between the Force Ratio and the Instantaneous Casualty-Exchange Ratio for Some Lanchester-Type Models of Warfare," ORSA/TIMS Meeting, Philadelphia, 31 March-2 April 1976. ORSA Bulletin, 24, Suppl. 1, 121, 1976.
- J. G. Taylor, "Concentration of Forces in Some Lanchester-Type Combat Models," Western Section of ORSA 1976 Meeting, Los Angeles, 16-17 September 1976.
- J. G. Taylor, State-of-the-Art Summary on Lanchester-Type Models of Warfare, Fifteenth Annual U.S. Army Operations Research Symposium, Fort Lee, Virginia, 27-29 October 1976.
- J. G. Taylor, "Further Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare: A New Definition of Power Lanchester Functions," with G. G. Brown, ORSA/TIMS Meeting, Miami, 3-5 November 1976. ORSA Bulletin, 24, Suppl. 2, pp. 206-207, 1976.

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CONFERENCE PRESENTATIONS (CONT)

- J. G. Taylor, "Error Bounds for the Lanchester Equations with Variable Coefficients," with C. Comstock, 83rd Annual Meeting of the American Mathematical Society, St. Louis, 26-30 January 1977. Abstract appears in Notices of the American Mathematical Society, 24, No. 1, A-92, 1977.
- J. G. Taylor, "Numerical Determination of the Parity-Condition Parameter for Lanchester-Type Equations of Modern Warfare," with G. G. Brown, ORSA/TIMS Meeting, Atlanta, 7-9 November 1977. ORSA Bulletin, 25, Suppl. 2, p. 224, 1977.
- A. R. Washburn, "Optimal Stopping and the Count-Shoot Scenario," MORS Meeting, Quantico, Virginia, 1974.
- A. R. Washburn, "A Continuous Review Inventory Problem with Random Lead Times," ORSA/TIMS Meeting, Boston, 1974.
- A. R. Washburn, "Search for a Diffusing Target," ORSA/TIMS Meeting, Las Vegas, 1975.
- A. R. Washburn, "Suppression Models in Field Experimentation," with D. Brown, ORSA/TIMS Meeting, Las Vegas, 1975.
- A. R. Washburn, Special Lecture on Decision Theory, 40th MORS, December 1977.

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JOURNAL PUBLICATIONS

- D. R. Barr, "Strong Optimality of the "Shoot-Adjust-Shoot" Strategy," Operations Research, 22, No. 6, pp. 1252-1257 (1974).
- D. R. Barr, "Improved Confidence Bounds Applied to Reliability," with T. Jayachandran, IEEE Transactions on Reliability, R-24, No. 1 (1975).
- D. R. Barr, "Induced Priors in Decision Problems," with R. Richards, The Annals of Statistics, 5, No. 1 (1977).
- D. R. Barr, "An Approximate Test of Markov Chain Lumpability," with M. Thomas, Journal of the American Statistical Association, 72, No. 357 (1977).
- D. R. Barr, "A Nonparametric Analogy of Analysis of Covariance," with T. Burnett, Journal of Educational and Psychological Measurement, 37, No. 1 (1977).
- D. R. Barr, "An Analysis of Earthquake Frequency Data," with R. Shudde, Bulletin of the Seismological Society of America, 67, No. 5 (1977).
- D. R. Barr, "An Eigenvector Condition for Markov Chain Lumpability," with M. Thomas, Operations Research, 25, No. 6 (1977).
- D. R. Barr, "Computation of Kolmogorov-Smirnov Critical Values for Discrete Distributions," with M. Allen, ACM Transactions for Mathematical Software, (to appear in 1978).
- G. H. Bradley, "A Note on the Shape of the Pareto Optimal Surface," with M. Shubik, J. Economic Theory, 8, pp. 530-538 (1974).
- G. H. Bradley, "Coefficient Reduction for Inequalities in 0-1 Variables," with P. Hammer and L. Wolsey, Mathematical Programming, 7, pp. 263-282 (1974).
- G. H. Bradley, "Survey of Deterministic Networks," AIIE Transactions, 7, pp. 222-234 (1975).
- G. H. Bradley, "Design and Implementation of Large Scale Primal Transshipment Algorithms," with G. Brown and G. Graves, "Exceptional Paper," Management Science, 24, pp. 1-34 (1977).
- G. G. Brown, "Tables for Determining Expected Cost Per Unit Under MIL-STD-105D Single Sampling Schemes," with H. Rutemiller, AIIE Transactions, 6, pp. 135-142 (1974).
- G. G. Brown, "A Note on Numerical Maximum Likelihood Estimation of Parameters of the Weibull Distribution," IEEE Transactions on Reliability, R-24, pp. 158-159 (1975).

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JOURNAL PUBLICATIONS (CONT)

- G. G. Brown, "An Analysis of the Long Range Operating Characteristics of the MIL-STD-105D Sampling Scheme and Some Suggested Modifications," with H. Rutemiller, Naval Research Logistics Quarterly, 22, pp. 667-679 (1975).
- G. G. Brown, "Canonical Methods in the Solution of Variable-Coefficient Lanchester-Type Equations of Modern Warfare," with J. Taylor, Operations Research, 24, pp. 44-69 (1976).
- G. G. Brown, "Design and Implementation of Large Scale Primal Transshipment Algorithms," with G. Bradley and G. Graves, "Exceptional Paper," Management Science, 24, 1, pp. 1-34 (1977).
- G. G. Brown, "Means and Variances of Stochastic Vector Products with Applications to Random Linear Models," with H. Rutemiller, Management Science, 24, 2, pp. 210-216 (1977).
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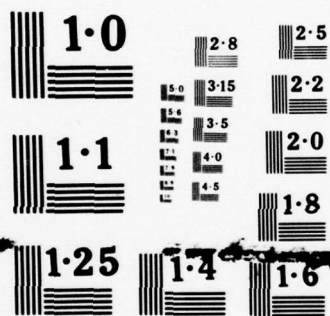
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The following is a list of the names of the individuals who were interviewed for this report. The names are listed in alphabetical order by last name. The first name is the last name, and the second name is the first name. The third name is the middle name, if it is known. The fourth name is the title, if it is known. The fifth name is the organization, if it is known. The sixth name is the address, if it is known. The seventh name is the city, if it is known. The eighth name is the state, if it is known. The ninth name is the zip code, if it is known. The tenth name is the date of the interview, if it is known. The eleventh name is the name of the interviewer, if it is known. The twelfth name is the name of the organization that conducted the interview, if it is known. The thirteenth name is the name of the report, if it is known. The fourteenth name is the name of the author, if it is known. The fifteenth name is the name of the sponsor, if it is known. 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The thirty-first name is the name of the device, if it is known. The thirty-second name is the name of the equipment, if it is known. The thirty-third name is the name of the system, if it is known. The thirty-fourth name is the name of the platform, if it is known. The thirty-fifth name is the name of the environment, if it is known. The thirty-sixth name is the name of the context, if it is known. The thirty-seventh name is the name of the situation, if it is known. The thirty-eighth name is the name of the scenario, if it is known. The thirty-ninth name is the name of the case, if it is known. The fortieth name is the name of the example, if it is known. The forty-first name is the name of the illustration, if it is known. The forty-second name is the name of the diagram, if it is known. The forty-third name is the name of the figure, if it is known. The forty-fourth name is the name of the table, if it is known. The forty-fifth name is the name of the chart, if it is known. The forty-sixth name is the name of the graph, if it is known. The forty-seventh name is the name of the plot, if it is known. The forty-eighth name is the name of the map, if it is known. The forty-ninth name is the name of the image, if it is known. The fiftieth name is the name of the picture, if it is known. The fifty-first name is the name of the photograph, if it is known. The fifty-second name is the name of the drawing, if it is known. The fifty-third name is the name of the sketch, if it is known. The fifty-fourth name is the name of the illustration, if it is known. The fifty-fifth name is the name of the diagram, if it is known. The fifty-sixth name is the name of the figure, if it is known. The fifty-seventh name is the name of the table, if it is known. The fifty-eighth name is the name of the chart, if it is known. The fifty-ninth name is the name of the graph, if it is known. The sixtieth name is the name of the plot, if it is known. 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- D. P. Burke, "Statistical Analysis of Foreign Mass Media Content," presented to the Seminar on Computer Applications, Department of Defense Computer Institute, Washington, D.C., January 1975.
- D. P. Burke, "The Genesis of Strategic Bombing, 1914-1939," presented to members of the Military Studies Program, University of Victoria, British Columbia, Canada.
- D. P. Burke, "The Politics of Canadian Armed Forces Unification," paper presented at the biennial meeting of the Association for Canadian Studies in the United States, Burlington, Vermont, 18 October 1977.
- D. P. Burke, organized panel on defense policy for the biennial meeting of the Association for Canadian Studies in the United States, 17-18 October 1977.
- D. P. Burke, "The Transplantation of Ulster: Irish Ideology and English-French Conflict in Canada," paper presented at the annual meeting of the Western Political Science Association, Los Angeles, California, 17 March 1978.
- D. C. Daniel, "The Gorshkov Papers and Beyond," International Studies Association Convention, Washington, D.C., 20 February 1975.
- D. C. Daniel, "Naval Presence and National Interests: The Case of the United States Navy in the Indian Ocean." Presented at Western Political Science Association Convention, Seattle, Washington, 20 March 1975.
- D. C. Daniel, chaired a general session panel on "Treaty and Legal Constraints on the U.S. Military," Military Operations Research Society Meeting, Fort Eustis, VA, 7 December 1976.

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- D. C. Daniel, "Trends in Soviet Naval Exercises," presented at Dalhousie Conference on Soviet Naval Developments, Carnegie Endowment for International Peace, Washington, D.C., 22 June 1977.
- D. C. Daniel, organized and chaired a conference on "Perceptions of the Superpower Military Balances," Naval Postgraduate School, Monterey, CA, 9 December 1977.
- S. Jurika, "Japan and Zero Population Growth," International Conference on Resources and Population, Ateneo de Manila University, February 1976.
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- R. H. Magnus, discussant, "Alternative Perspectives on Class and Conflict in the Middle East." Ninth Annual Meeting, The Middle East Studies Association, Louisville, Kentucky, 20-22 November 1975.
- R. H. Magnus, discussant, "Educational Policy in Iran." Tenth Annual Meeting, The Middle East Studies Association, Los Angeles, 10-13 November 1976.
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- B. M. Schutz, discussant, "Teaching African Politics in Universities and Colleges," Western Social Science Association Meeting, Denver, May 1975.
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- B. M. Schutz, "Conflict and Change in Southern Africa," at a Seminar of the Research Institute on International Change, Columbia University (Z. Brzezinski then Director), September 1976.
- B. M. Schutz, discussant, "Roundtable on Rhodesia," at African Studies Association Meeting, Boston, October 1976.
- B. M. Schutz, co-authored a paper, "Leadership Change, Political Mobilization and Conflict: Northern Ireland and Rhodesia," at Western Political Science Association Meeting, Phoenix, AZ, March 1977 (with Douglas Scott of The RAND Corp.).

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- B. M. Schutz, "International Security Problems of East Africa and The Indian Ocean," at Naval Reserve Volunteer Training Unit Indian Ocean Seminar, Treasure Island, San Francisco, August 1977.
- B. M. Schutz, "U.S. Foreign Policy and National Liberation Movements: The Southern African Dilemma," as guest speaker at San Jose State University Pi Sigma Alpha (National Political Science Honorary) Annual Banquet, May 1977.
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- R. H. Stolfi, chaired a panel on Arms Transfers at the annual meeting of the International Studies Association in Washington, D.C., 21-22 February 1975.
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- J. Valenta, "Reflections on Soviet Foreign Policy Decisionmaking," American Association for the Advancement of Slavic Studies, Washington, D.C., 9 May 1975.
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- J. Valenta, "Soviet Intervention in Angola," congressional senior staff seminar sponsored by the Center for Strategic and International Studies, 23-24 February 1975.
- J. Valenta, "Nationalities and Nationalism in the USSR," participant and contributor, Center for Strategic and International Studies, Georgetown University, Washington, D.C., 20 October 1976.
- J. Valenta, "The Collective Leadership and Succession in the USSR," Fifteenth Annual Southern Conference on Slavic Studies, University of Virginia, 21-23 October 1976.
- J. Valenta, "Soviet Intervention in Angola," staff meeting of the RAND Corporation, 16 February 1977.
- J. Valenta, participant, "The Soviet Threat: A Critical Assessment," sponsored by the Center for Arms Control and International Security and the Center for the Study of Democratic Institutions, Santa Barbara, 25-26 February 1977.
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- E. S. Brick, "UHF Satellite-Ship Channel Simulator," 1976, Advisor: P. C. C. Wang.
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- R. Renzelman, "Study of Infrared Solid-State Imagers Using Charge Transport Devices with an Evaluation of Two Digital Correlators," 1974. (Advisor: T. F. Tao)
- D. M. Reto, "Conversion of E. M. To Acoustic Energy," 1976. (Advisor: O. Baycura)
- L. E. Rhoads, "The Design and Implementation of an Accurate Measurement System which uses a Controller-Oriented Microcomputer," 1977. (Advisor: R. Panholzer)
- F. K. Richardson, "Power Optimization of the Captured Air Bubble Surface Effects Ship," 1976. (Advisor: G. J. Thaler)
- R. G. Riedel, "Sensitivity Study of the XR-3 Loads and Motions Computer Program Sidewall Parameters and Forces on Roll Behavior in Calm Sea and a Comparison to Testevolt Turn Manerver Data," 1977. (Advisor: A. Gerba, Jr.)
- Robinson, "An Application of the Sliding Window Observer, 1977. (Advisor: S. R. Parker)

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- J. C. Ross, "A Wideband RF Application of Fiber Optics," 1974. (Advisor: S. Jauregui)
- Rostad, "A Comparative Study of the Wave Digital Filter," 1977. (Advisor: S. R. Parker)
- D. G. Rundall, "Impedance Measurement of the Crossed Monopole Wire Structure," 1977. (Advisor: R. Burton)
- D. G. Rundall, "Measured Impedance of Crossed-Monopole Transmitting Antenna," 1976. (Advisor: R. Burton)
- L. Saetre, "Sampled Analog Recursive Comb Filters and Their Applications to MTI Radar," 1975. (Advisor: T. F. Tao)
- J. D. Selim, "Infrared Detection of Surface Currents," Electrical Engineer, 1977. (Advisor: R. Burton)
- M. L. Senft, "Adaptive Logic Techniques and Decision Making," EE, 1975. (Advisor: R. Panholzer)
- M. Shachar, "Image Processing Algorithms for "Image Target Tracking"," 1976. (Advisor: H. A. Titus)
- R. Sharon, "Theoretical Analysis of a Model for a Field Displacement Isolator," 1976. (Advisor: J. B. Knorr)
- Sheridan and Bardick, "Geologic Noise Model for Magnetic Anomaly Sensor," 1976. (Advisor: G. L. Sackman)
- A. R. Shuff, "Instrumentation Package for Measurement of Shipboard RFI," 1976. (Advisor: J. E. Ohlson)
- R. Shumaker, "Optimization Techniques in Missile Sensor," 1976. (Advisor: H. A. Titus)
- R. M. Silalahi, "Adaptive Delta Modulation in Hardware Realization," 1977. (Advisor: R. Panholzer)
- K. R. Siness "A GPSS Simulation and Analysis of a CU Ship/Shore/Ship Communications System," 1976. (Advisor: O. Baycura)
- S. M. Skjei, Jr., "A Flexible Spread Spectrum System," 1975. (Advisor: J. E. Ohlson)

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- A. P. Sosnicky, "Biological Hazards Associated with E.M. Radiation from Telecommunications and Radar Systems," 1976. (Advisor: O. Baycura)
- R. C. Spencer, "Resonance of Electromagnetic Waves on Cross-Monopole Wire Structures," 1975. (Advisor: R. W. Burton)
- D. W. Stamps, "Control of Roll in A Turning Submarine," 1977. (Advisor: G. J. Thaler)
- R. D. Stanga, "Digital Simulation as an Approach to ESM Software Development," 1975. (Advisor: S. Jauregui)
- W. E. Stockslager, "Computer Modeling of the Electroencephalogram," 1974. (Advisor: G. H. Marmont)
- R. D. Stolt, "Wideband Analog Propagation in a Fiber Optic System," 1974. (Advisor: S. Jauregui)
- H. Sturhan and W. Havenstein, "The Effects of Mutlipath Propagation on the Range Measurement System at Fort Hunter Liggett," 1977. (Advisor: M. L. Wilcox)
- A. I. Suparman, "A Comparative Study on the Realizability of Biquadiatic Functions," 1976. (Advisor: S. G. Chan)
- I. Tanes, "AM Modulation of a Carbon-Dioxide Laser Beam Using Acousto-optical Interaction," 1976. (Advisor: J. Powers)
- H. O. Tasdelen, "Approximate Analytical Evaluation of Extended Kalman Filters," 1975. (Advisor: D. E. Kirk)
- W. H. Thomas "Automation of Major Naval Telecommunications Center," 1976. (Advisor: O. Baycura)
- J. D. Thompson, "Reduced Order Approximations to Linear Higher Order Systems," 1976. (Advisor: A. Gerba, Jr)
- J. Trelles, "Prediction of Far-Field Radiation Pattern of a Randomly Vibrating Surface from Near Field Measurements," 1976. (Advisor: G. L. Sackman)

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- T. C. Tsoukalas, "Solid State Applications of Direct Energy Conversion and Heat Pumping for a Small Automotive Vehicle," EE, 1975. (Advisor: M. L. Wilcox)
- J. E. Turner, "Radio Frequency Switching Mode Power Amplifiers," 1977. (Advisor: G. D. Ewing)
- J. Van Devender, "A-7 Software Improvement Algorithms," 1976. (Advisor: H. A. Titus)
- J. A. Van Devender, "Monte-Carlo Simulation of a Cruised Missile Utilizing Digital Filtering of the Laser Gyro Strapdown Initial Navigation System," 1976. (Advisor: H. A. Titus)
- P. E. Vassiliades, "Depth and Pitch Control System for a Near Surface Submarine," 1976. (Advisor: G. J. Thaler)
- M. D. Vennum, "Design of a Normal Mode Helical Antenna for Army Use," 1977. (Advisor: O. Baycura)
- J. J. Vhrim, III, "Sampled Data Adaptive Digital Computer Control of Surface Ship Maneuvers," EE, 1976. (Advisor: G. J. Thaler)
- D. T. Viet, "Measured Effects of Frequency Division on the Performance of Pulse Counting Frequency Demodulators," 1976. (Advisor: G. A. Myers)
- L. P. Vines, "Computer Automated Design of Systems," 1976. (Advisor: G. J. Thaler)
- C. Ward, "Automatic Control of a Near Surface Submarine in Sea States," 1977. (Advisor: G. J. Thaler)
- M. Wasivta, "Application of Digital Demodulators to Frequency-Shift-Keyed Carriers," 1975. (Advisor: G. A. Myers)
- G. Westling, "The Statistics of Multipath Fading at VHF Applied to Communications Links at NAVTORPSTA Keyport, Washington," 1977. (Advisor: J. B. Knorr)
- D. Wetters, "Receiver Interference Analysis," 1977. (Advisor: J. B. Knorr)

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- H. Wiedeman, "Measured Currents and Charges on Flatt Plate Aircraft Wing Structures," 1975. (Advisor: R. Burton)
- H. J. Wiederman, "Measured Surface Charge and Current Distribution in Scattering Flat Plate," 1976. (Advisor: R. Burton)
- M. Wheaton, "The Preparation for and the Implication of G WAR C of 1979," 1975. (Advisor: O. Baycura)
- E. R. Wicklander, "An Analysis of Electroencephalograms," 1975. (Advisor: G. H. Marmont)
- C. A. Wilkens, "On the Setting-Up of an Underwater Acoustic Calibration Facility," 1977. (Advisor: D. A. Stentz)
- C. B. Williams, "Receiver Design for the Naval Postgraduate School SATCOM Signal Analyzer," 1977. (Advisor: J. E. Ohlson)
- T. C. W. Witt, "A Comparison of AM vs FM Digital Techniques for VHF Line of Sight Communications," 1977. (Advisor: G. A. Myers)
- D. L. Wojtkowiak, "Digital Trainer Modules for Laboratory Experiments," 1975. (Advisor: R. Panholzer)
- R. Wyatt, "Difar Tracking with Maneuvers," 1976. (Advisor: H. A. Titus)
- R. Wyatt, "Initialization Schemes for Multiple Buoy Diffracting Tracking," 1976. (Advisor: H. A. Titus)
- C. L. Xefteris, "A Magnetometer Data Acquisition System," 1976. (Advisor: G. L. Sackman)
- Xefteris, "Signal Processing of magnetic Anomaly Signals," 1976. (Advisor: G. L. Sackman)
- S. Yayasuwaya, "Study of LH0045 Two Wire Transmitter for Remote Signaling, 1977. (Advisor: R. Panholzer)
- X. Yodchai, "Design of a 918 MHz, Low Profile Antenna," 1977. (Advisor: O. Baycura)

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- D. Young, "A Calculator Controlled Microwave Network Analyzer System," 1977. (Advisor: J. B. Knorr)
- Zach, "Adaptive Stochastic Filter for Radar," 1977.
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- J. E. Ohlson, New Directions in Signal Processing in Communication and Control, "On Double-Loops in Carrier Synchronization," (Edited by J. K. Skwirzynski), NATO Advanced Study Institutes Series E-No. 12, Noordhoff, 1975.
- G. J. Thaler, Automatic Control: Classical Linear Theory, Dowden, Hutchinson and Ross, 1974.
- R. W. Burton, The Strategy of Electromagnetic Conflict, R. E. Fitts, Editor, United States Air Force Academy Press, 1975.
- O. M. Baycura, Nonlinear Laplace transforms, Computer Science Press, Inc. 1977.

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- C.-P. Chang, "Equatorial Waves and ITCZ." Presented at Atmospheric and Oceanic Sciences Colloquim, University of Michigan, Ann Arbor, June 1974.
- C.-P. Chang and F. T. Jacobs, "A Diagnostic Model for Estimating Large-Scale Tropical Flow Patterns from Satellite Cloud Brightness." Presented before the Fall Annual Meeting of American Geophysical Union, San Francisco, December 1974. Abstract printed in Transactions, Vol. 56 (November 1974).
- C.-P. Chang, "Dynamics of Tropical Waves." Presented at Geophysical Fluid Dynamics Seminar, Yale University, New Haven, February 1975.
- C.-P. Chang, "Vertical Structure of Equatorial Waves Forced by Heating." Presented at 9th Technical Conference on Hurricanes and Tropical Meteorology, Miami, May 1975, Bulletin American Meteorology Society, 56 (1975).
- C.-P. Chang, "Spectrum Analysis of Easterly Waves in the Western Pacific During Two Contrasting Periods of Sea-Surface Temperature Anomalies." Presented at Fall Annual Meeting, AGU, San Francisco, December 1975, Transactions, 57 (1975).
- C.-P. Chang, "Barotropic Instability of a Spatially-Varying Mean Flow." Presented at Conference on Atmospheric and Oceanic Waves and Stability, Seattle, March 1976, Bulletin of American Meteorology Society, 57 (1976).
- C.-P. Chang, "Study of Planetary and Synoptic-Scale Waves of the Northern Summer Monsoon." Presented at GARP Study Conference on Numerical Modeling of the Tropics, Exeter, U.K., April 1976.
- C.-P. Chang, "A Numerical Study of Time-Mean Northern Summer Monsoon with Steady and Fluctuating Heating." Presented at International Symposium on Monsoons, New Delhi, 7-12 March 1977.
- C.-P. Chang, "A Numerical Study of the Locally Unstable Barotropic Easterly Jet." Presented at International Symposium on Monsoons, New Delhi, 7-12 March 1977.
- K. L. Davidson, "Turbulence Studies in Marine Boundary Layer," West Coast Small Scale Air-Sea Interaction Conference, San Francisco, October 21-22, 1974.

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- K. L. Davidson, "Small Scale Turbulence Properties in the Marine Boundary Layer," American Geophysical Union, Fall Annual Meeting, San Francisco, December 1974, Trans. Am. Geophysical Union, 55 (12) (1974).
- K. L. Davidson, "A Numerical Model of Wind Wave Coupling," American Geophysical Union, Fall Annual Meeting, San Francisco, December 1974, Trans. Am. Geophysical Union, 55 (12) (1974).
- K. L. Davidson, "Results from Overwater Turbulence and Propagation Studies," Technical Review, High Energy Laser Program (AMS-405), NOL, Washington, D.C. February 1975.
- K. L. Davidson, "Shipboard Measurements of Small Scale Turbulence Properties," with T. Houlihan, International Congress on Instrumentation in Aerospace Simulation Facilities, Ottawa, Ontario, Canada, September 1975.
- K. L. Davidson, "Estimating Optically Relevant Turbulence Parameters from Indirect Measurements," AFWL Electro-Optics Division Seminar, Kirtland AFB, New Mexico, August 1975.
- K. L. Davidson, "Shipboard Measurements of Small Scale Turbulence Properties," with T. Houlihan, Fall Annual Meeting AGU, San Francisco, December 1975, Transactions of Am. Geophysical Union, 56 (1975).
- K. L. Davidson, "Laser Propagation in the Marine Boundary Layer," with T. Houlihan, Annual Report, Naval Sea Systems Command Hydromechanics Advisors Committee (SEAHAC), 2 (Confidential) (February 1975).
- K. L. Davidson, "Shipboard Measurements of Small Scale Turbulence Properties," with T. Houlihan. Presented at the International in Aerospace Simulation Facilities, October 1975.
- K. L. Davidson, "Turbulence Effects Upon Laser Propagation in the Marine Boundary Layer," with T. Houlihan. Presented in Proceedings of the Fourth Biennial Symposium on Turbulence in Liquids, October 1975.
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- K. L. Davidson, "Role of Intermittancies in Obtaining Bulk Estimates of Small Turbulence Scale Properties", at Workshop on Remote Sensing of the Marine Boundary Layer, Vail, Colorado, 9-11 Aug 1976.
- K. L. Davidson, "Optically Relevant Turbulence Parameters in the Marine Boundary Layer." Presented at Engineering Science Meeting (JJAFS), Langley Research Center, Hampton, Virginia 1-3 Nov 1976.
- K. L. Davidson, "Descriptions of Optically Relevant Turbulence Parameters." Presented at Optical/Submillimeter Workshop, USAF Academy, Colorado Springs, Colorado, 6-10 Dec. 1976.
- K. L. Davidson, "Shipboard Measurement of Small Scale Turbulence Properties," with T. Houlihan. Presented at 15th Midwestern Mechanics Conference, Univ. of Illinois, Chicago, Illinois, 23-25 Mar 1977.
- K. L. Davidson, "Observations of Elevated Layers in Marine Fog From Shipboard Acoustic Sounder Measurements," with T. Houlihan, G. Schacher and C. Fairall, "Properties of Small Scale Turbulence in Marine Fog," "Evaluations of Stability Scaling Laws for Marine Fog Regimes," "Comparisons of Turbulent Parameters Obtained from Shipboard Measurements and from Synoptic Scale Objective Analyses (FNWC)." Presented at 5th Annual Marine Fog Investigation Program Review, Buffalo, New York, 5-6 Apr. 1977.
- K. L. Davidson, "Shipboard Measurements of Optical Turbulence Parameters." with T. Houlihan. Presented at 6th Canadian Congress of Applied Mechanics, Univ. of British Columbia, Vancouver, B.C., 30 May-3 Jun 1977.
- K. L. Davidson, "Scaling Laws for the Structure of the Marine Boundary Layer." Presented at Tri-Science Workshop on Environmental Research, Air Force Geophysics Laboratory, Hanscom AFB, Mass., 28-29 June 1977.
- K. L. Davidson, "Observational Results on Marine Fog Related Variation of Small Scale Turbulence Parameters (C_T^2 and ϵ)." with T. Houlihan, C. Fairall and G. Schacher, "Observations of the Marine Inversion with a Shipboard Acoustic Sounder," "Measurements of Altitude Dependence of Atmospheric Turbulence", "An Examination of Scaling Laws for C_T^2 in the Layer Adjacent to Ocean Waves." Presented at Optical Propagation through Turbulence, Rain, and Fog, University of Colorado. Boulder, Colorado, 9-11 Aug. 1977.

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- K. L. Davidson, "Scaling Laws for Small Scale Turbulence in Marine Boundary Layer," SPIE* 21st Annual Technical Symposium (* Society of Photo-Optical Instrument Engineers), San Diego, Ca., 22-26 Aug. 1977.
- K. L. Davidson, "Properties of Small Scale Turbulence in Fog", with T. Houlihan, Presented at 5th Biennial Symposium on Turbulence, Univ. of Missouri, Rolla Rolla, Missouri, 3-5 Oct 1977.
- R. L. Elsberry, W. M. Gray, and E. J. Harrison, JR., "Simulation of Development of Mesoscale Convection Regions by Artificial Heat Sources," Proceedings of the International Tropical Meteorological Meeting, 1974.
- R. L. Elsberry, "Numerical Simulation of Ocean Thermal Response to Hurricane Passage," with T. S. Fraim, R. N. Trapnell, Jr., and S. H. Grigsby, Ninth Technical Conference on Hurricanes and Tropical Meteorology, Bull. Amer. Meteor. Soc., 56(2) (1975).
- R. L. Elsberry, "Vertical Heat Fluxes Associated with the Depending Mixed-Layer During the Cooling Season," with N. T. Camp, Second Conference on Ocean-Atmosphere Interactions, Bull. Amer. Meteor. Soc., 57(1) (1976).
- R. L. Elsberry, "Progress in Tropical Cyclone Forecasting," Presented at Global Extended Range Automated Environmental Prediction System Coordination Meeting, Monterey, Ca, 16-17 Nov. 1976.
- R. L. Elsberry, "The Role of Strong Atmospheric Forcing Events in Modelling Oceanic Thermal Structure." with N. Camp. Presented at Annual Fall Meeting, AGU, San Francisco, Dec 6-10, 1976.
- G. J. Haltiner, "Numerical Weather Prediction," with R. T. Williams. Presented at the 54th Annual Meeting, AMS, Honolulu, January 1974.
- G. J. Haltiner, "A Variation Procedure for Obtaining Global Balance Winds." Presented at the World Meteorological Conference on Four-Dimensional Data Assimilations, Paris, France, November 1975.
- R. L. Haney, "Numerical Simulation of the Coupled North Pacific Ocean-Atmospheric System." Presented at NORPAX Co-Principal Investigators Meeting, Fleet Numerical Weather Central, Monterey, August 19-21, 1974.

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- R. L. Haney, "The Energy Transformations in a Numerical Simulation of Oceanic Mesoscale Eddies." Presented at MODE Scientific Council Meeting, University of Rhode Island, August 26-28, 1974.
- R. L. Haney, "Modeling the Oceanic Wind Mixed Layer." Presented at the Fall Annual Meeting of the AGU, San Francisco, December 12-18, 1974 and published in Trans. AGU, 55 (1974).
- R. L. Haney, "Model Improvement and Plans for Initial Value Predictions." Presented at NORPAX Co-Principal Investigators Meeting, Scripps Institution of Oceanography, La Jolla, California, March 19-20, 1975.
- R. L. Haney, "The Relationship Between the Evolution of a Sea Surface Temperature Anomaly and Its Vertical Structure." Presented at NORPAX Co-Principal Investigators Meeting, University of California Conference Center, Lake Arrowhead, California, October 29-31, 1975.
- R. L. Haney, "Preliminary Experiments in the Numerical Prediction of Large-Scale Sea Surface Temperature Anomalies." Presented at the Fall Annual Meeting of the AGU, San Francisco, December 8-12, 1975 and published in Trans. AGU, 56 (1975).
- R. L. Haney, "Dynamical Prediction of Large Scale Sea-Surface Temperature Anomalies." Presented at Joint Oceanographic Assembly, Edinburgh, Scotland, 13-24 Sept. 1976.
- R. L. Haney, "The Effect of Seasonally Varying Atmospheric Forcing on the Ocean Circulation," Presented at Fall Meeting of the AGU, San Francisco, CA, 6-10 Dec. 1976.
- R. L. Haney, "Process Parameterization and the Structure of OGCM's Processes Important to the Analysis of the Ocean Circulation and How They Might be represented in Parametric Form (A discussion of the paper by J.S.A. Green). Presented at JOC/SCOR Joint Study Conference on General Circulation Models of the Ocean and their Relation to Climate, Helsinki, Finland, 23-27 May 1977.
- R. J. Renard, "Research in Synoptic-Scale Analysis and Forecasting of Marine Fog at the Naval Postgraduate School." Presented at the 2nd Annual Conference on Marine Fog, Naval Postgraduate School, Monterey, January 1974.

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- R. J. Renard, "Marine Fog Frequencies." Presented at the Climatology Conference and Workshop of the American Meteorological Society, Asheville, N.C., October and Abstract published in Bull. Am. Meteorol. Soc., 55(7) (1974).
- R. J. Renard, "Proposed Navy-Related Weather Operations and Research for the United States' Scientific Mission in Antarctica." Presented by the National Science Foundation, Polar Meteorology Workshop, Reno, Nevada, May and published in the Proceedings, 1975.
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- R. J. Renard, "Evaluation of the 1973-74 EPANALOG Tropical Cyclone Forecasts for the Northeastern Pacific Ocean Area," with J. D. Jarrell and S. K. Rinard. Presented at the 9th Technical Conference on Hurricanes and Tropical Meteorology, Miami, Florida and published in Bull. Am. Meteorol. Soc., Abstract, 56(2) (1975).
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- R. J. Renard, "A New Look at the Climatological Frequencies of Marine Fog." Presented at the 9th Annual Congress of the Canadian Meteorological Society, University of British Columbia, Vancouver, B.C. and published in an Abstract: Atmos., 13 (1975).
- R. J. Renard, "A Computerized Model for the Objective Analysis of Atmospheric and Ocean Fronts." Presented at the Office of Naval Research Workshop on Oceanic Fronts, University of Washington Conference Center at Lake Wilderness, Wash., Program Summary, November 1975.
- R. J. Renard, "Marine-Fog Diagnosis and Climatology from Synoptic Weather Reports and Weather Satellite Observations Over the North Pacific Ocean." Presented at the 4th Conference on Marine Fog, Lab of Atmos. Phy., Desert Research Institute, Reno, Nevada, Program Summary, January 1976.

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- R. J. Renard, "A New Approach to the Determination of Climatological Marine-Fog Frequencies with Application to the Summer Fog Season of the North Pacific Area," with G. R. Willms. Presented at the 2nd Conference, Am. Meteor. Soc. on Ocean-Atmosphere Interactions, Seattle, Washington and published in Bull. Am. Meteor. Soc., 57(1) (1976).
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- M. S. Tracton and T. Klopfenstein, "Evaluation of the Fleet Numerical Weather Central Operational Primitive Equation Model in Forecasting Extratropical Cyclogenesis." Paper presented at the Fifth Conference in Weather Forecasting and Analysis, 1974.
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- R. T. Williams, "Formation of Hydraulic Jumps in a Rotating Stratified Atmosphere," with R. P. Kurth. Paper presented at the Fall Annual Meeting, Am. Geophysical Union, San Francisco and published in Trans., AGU, 55(12) (1974).

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- R. T. Williams, "Computational Stability Properties of the Shuman Pressure Gradient Averaging Technique," with A. L. Schoenstadt. Paper presented at the Fall Annual Meeting, Am. Geophysical Union, San Francisco and published in Trans., AGU, 56(12) (December 1975)
- R. T. Williams, "The Inclusion of Moisture in a Numerical Model of Steady State Fronts," with C. J. Cornelius, Jr. and D. F. Glevy. Paper presented at the Fall Annual Meeting, Am. Geophysical Union, San Francisco and published in Trans., AGU, 56(12) (December 1975).
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- C.-P. Chang, "Some Theoretical Problems of the Planetary Scale Monsoons," Pure and Applied Geophysics, 115, 1089-1109, Dec. 1977.
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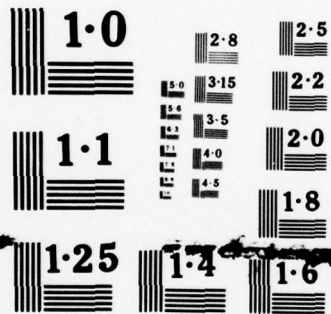
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